

1/15

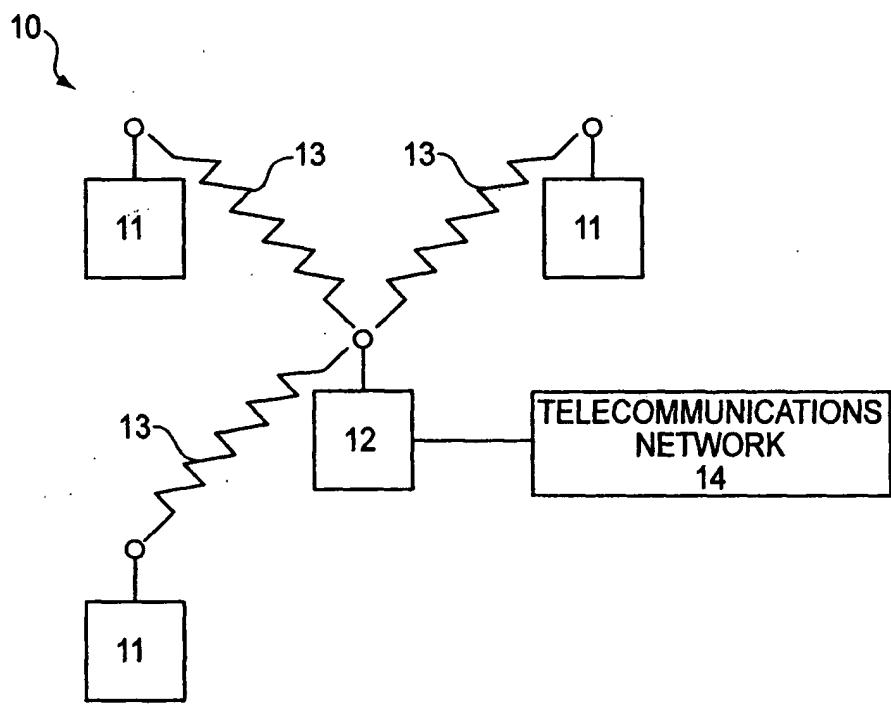


FIG. 1

2/15

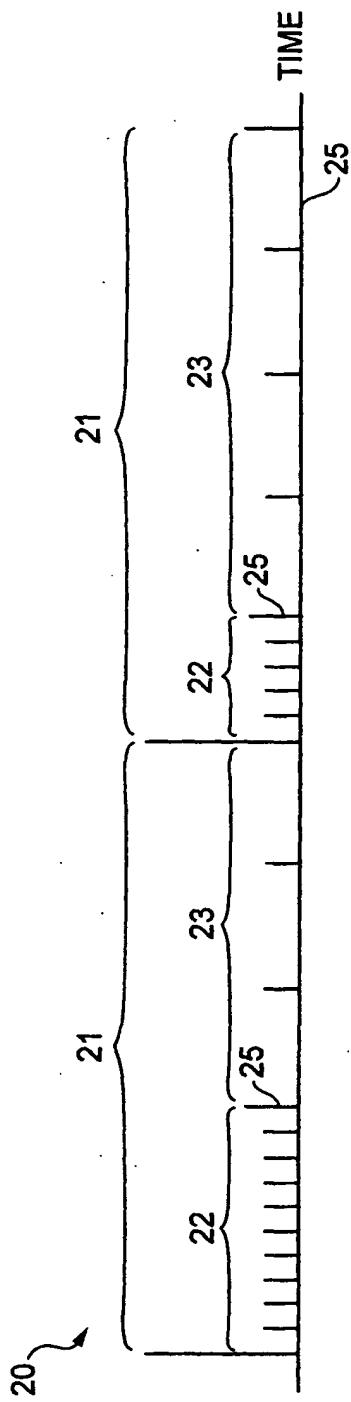


FIG. 2

3/15

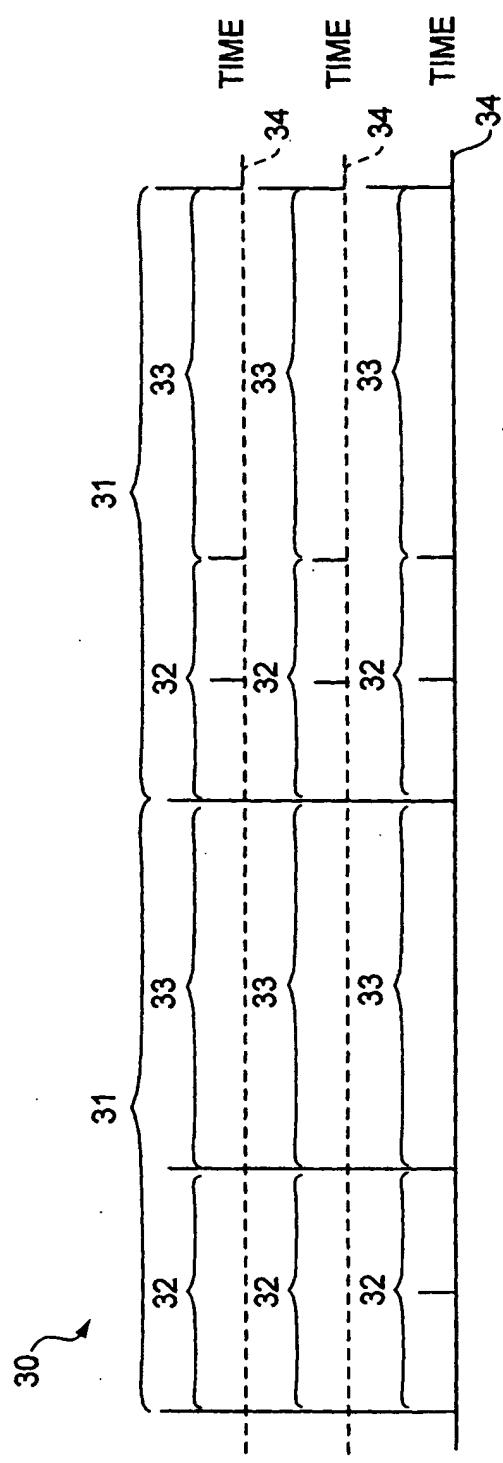


FIG. 3

4/15

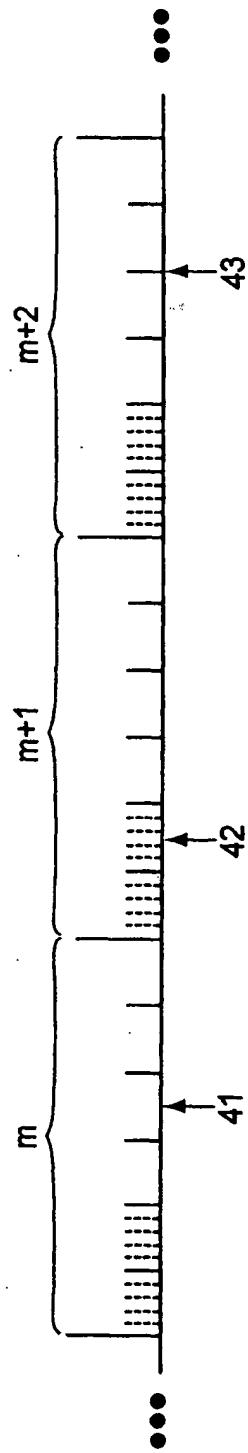


FIG. 4A

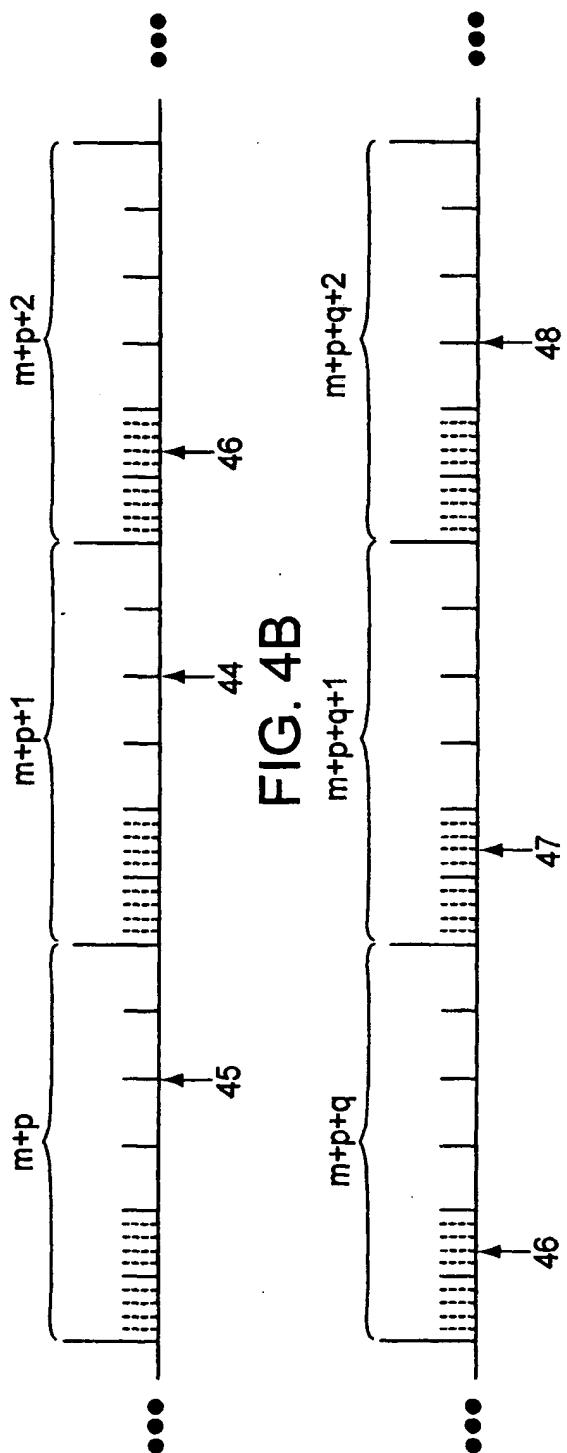


FIG. 4B

FIG. 4C

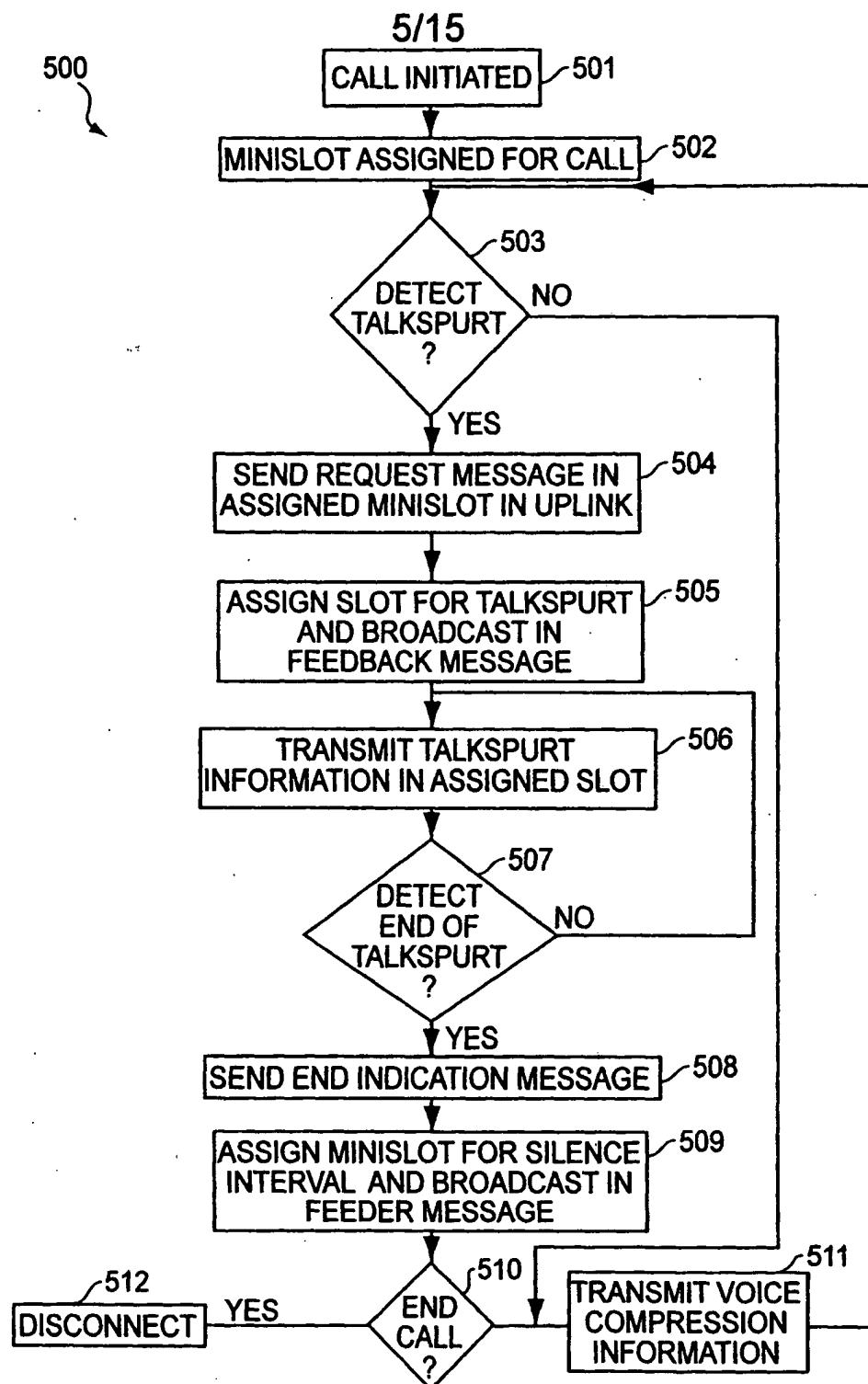


FIG. 5

6/15

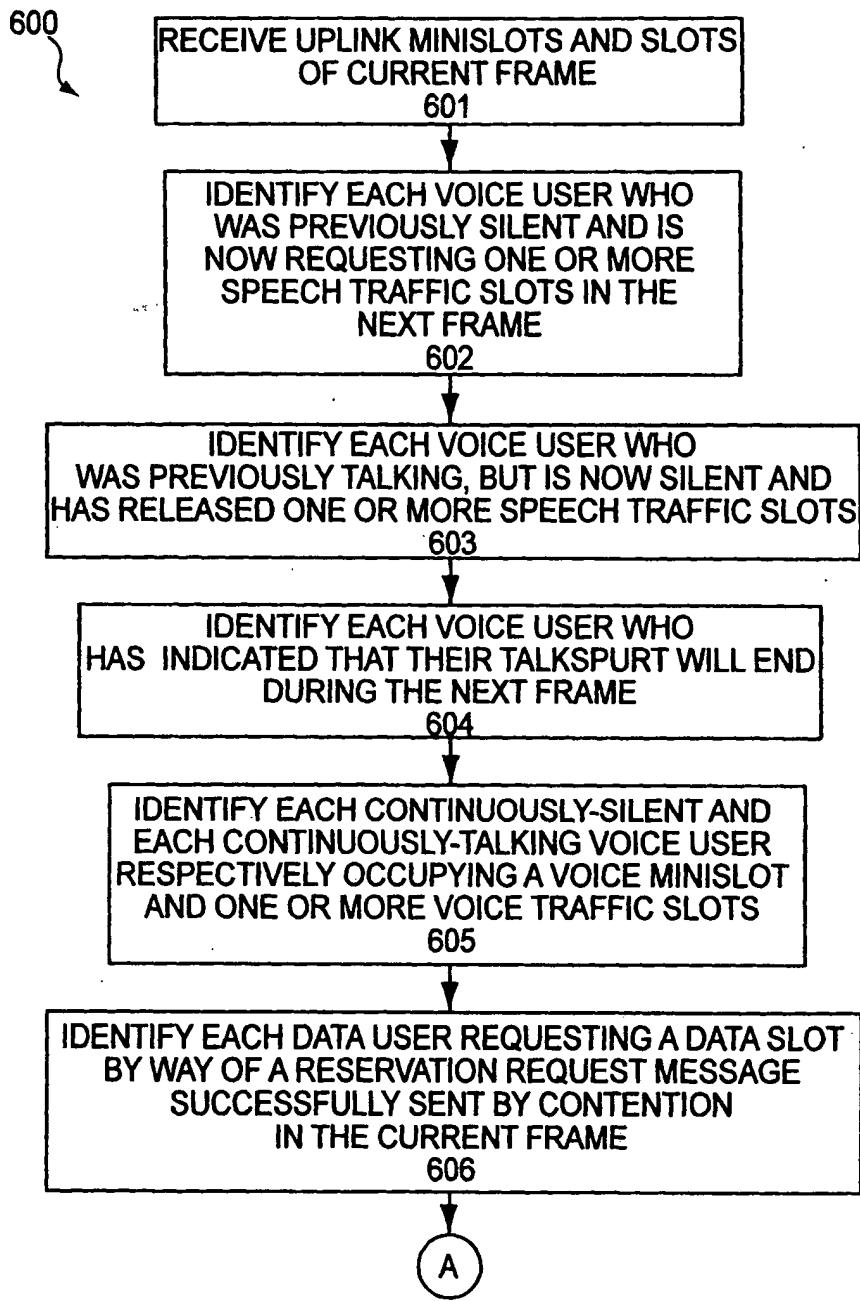


FIG. 6A

7/15

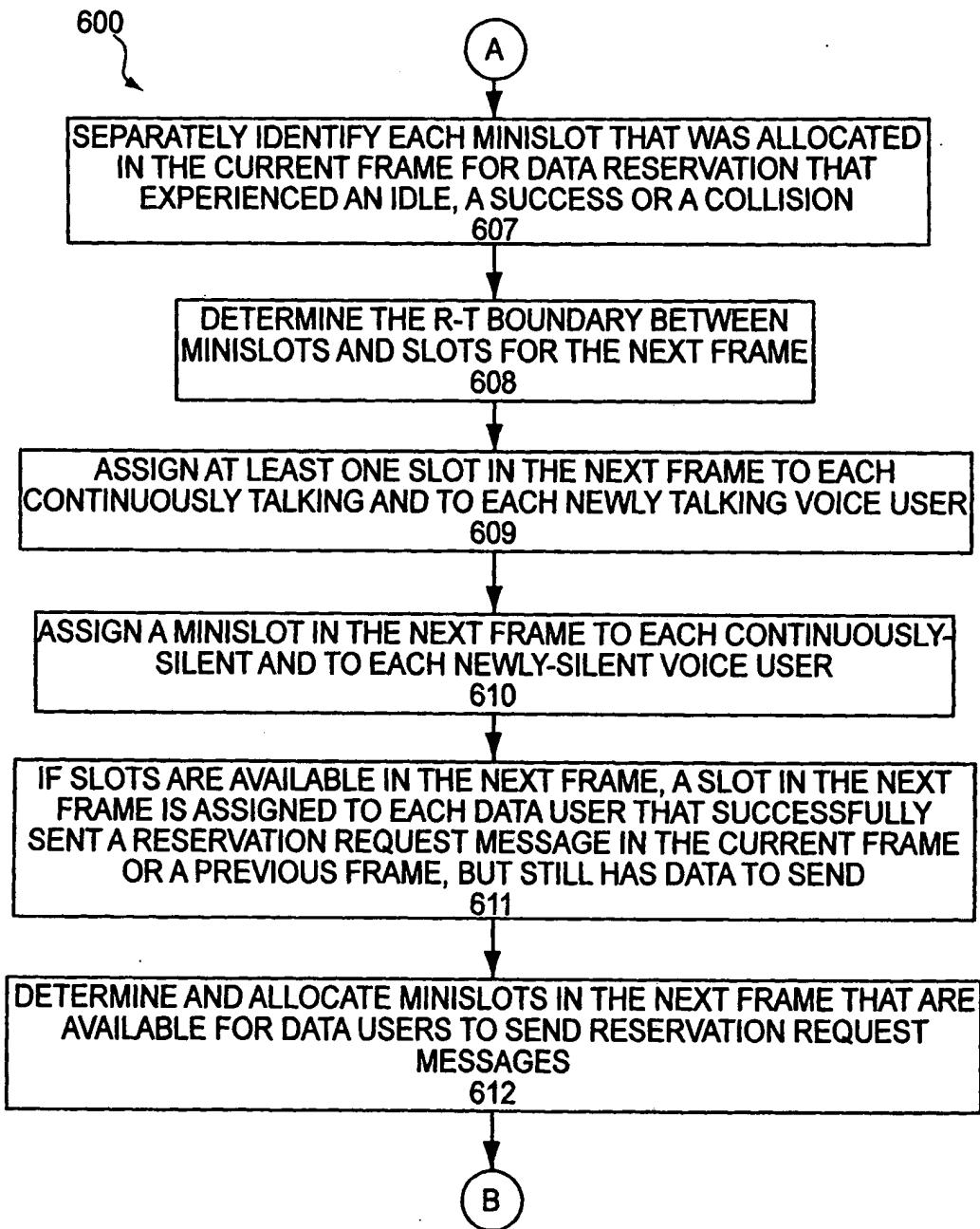


FIG. 6B

8/15

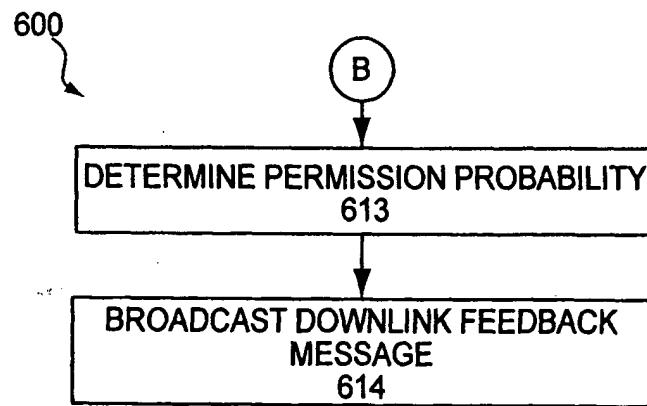


FIG. 6C

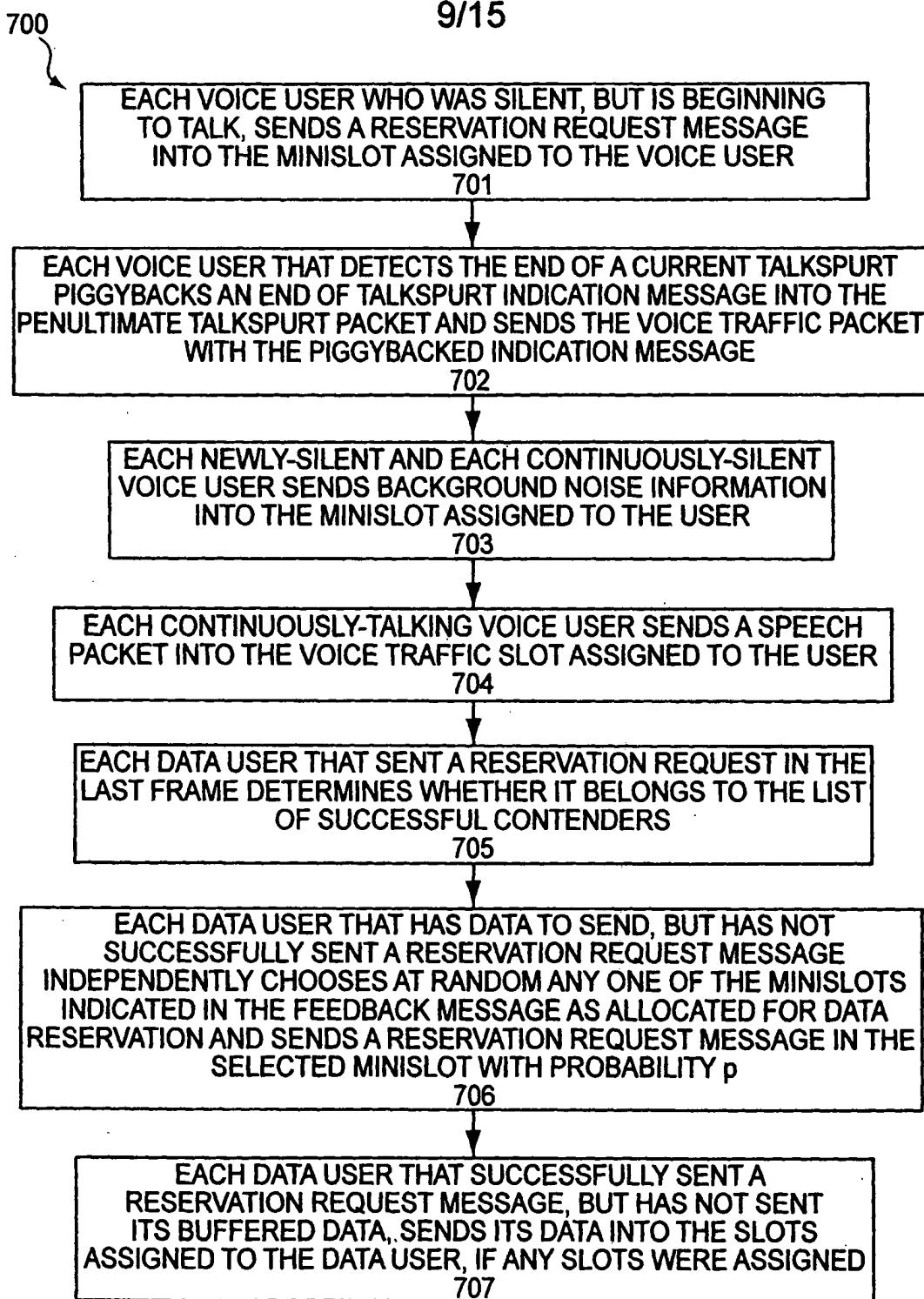


FIG. 7

10/15

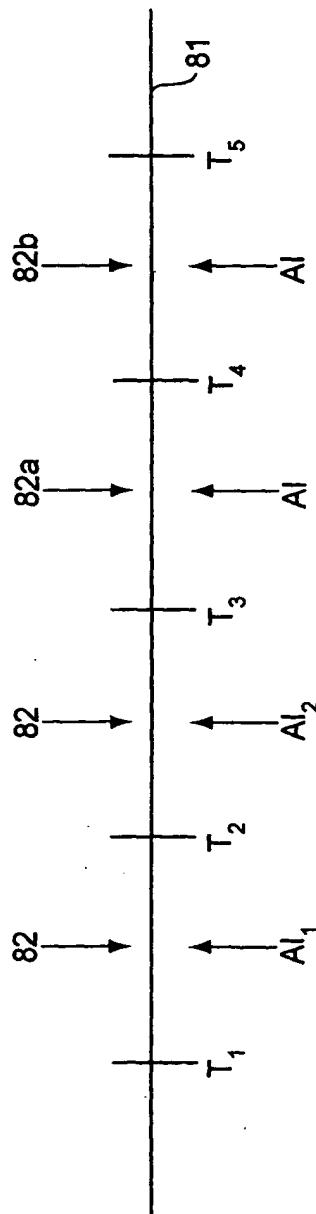


FIG. 8

11/15

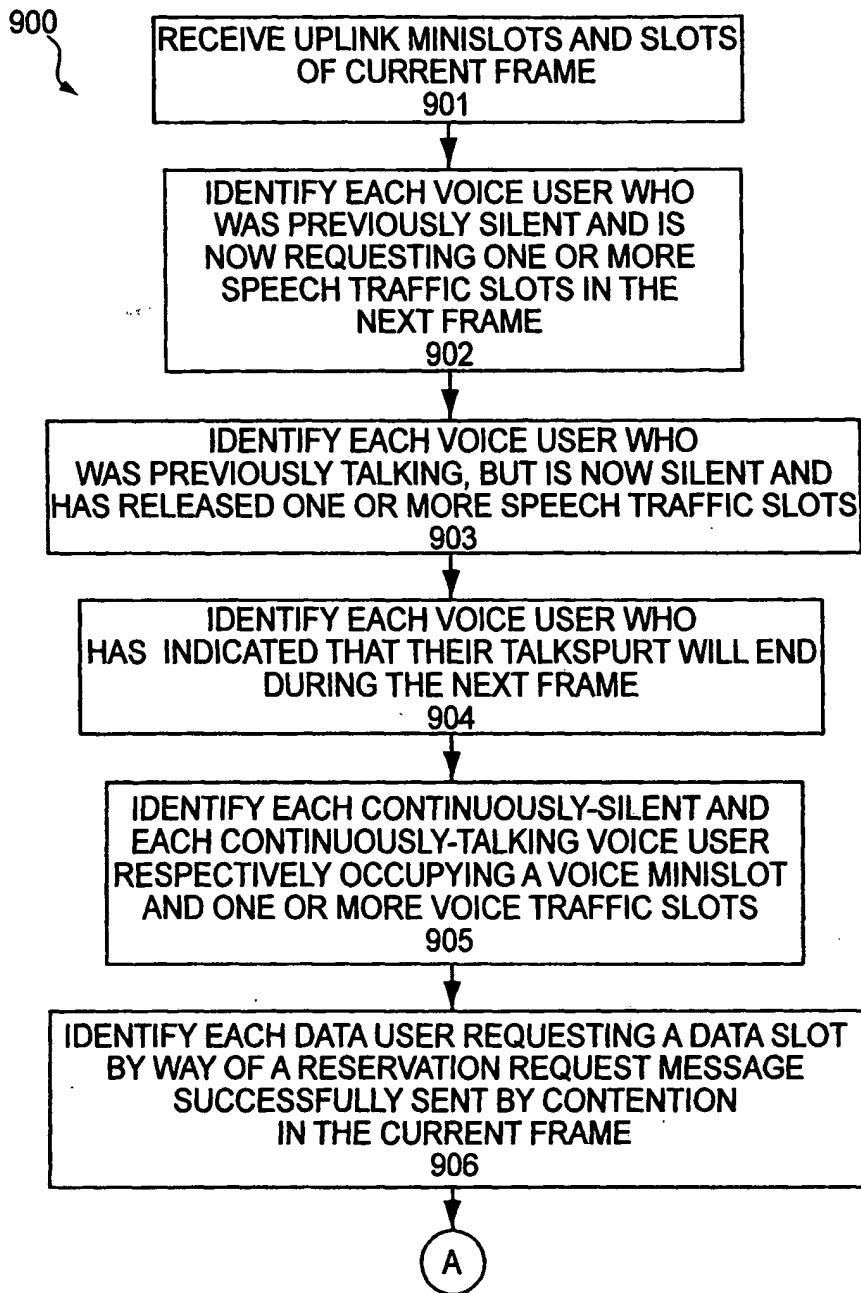


FIG. 9A

12/15

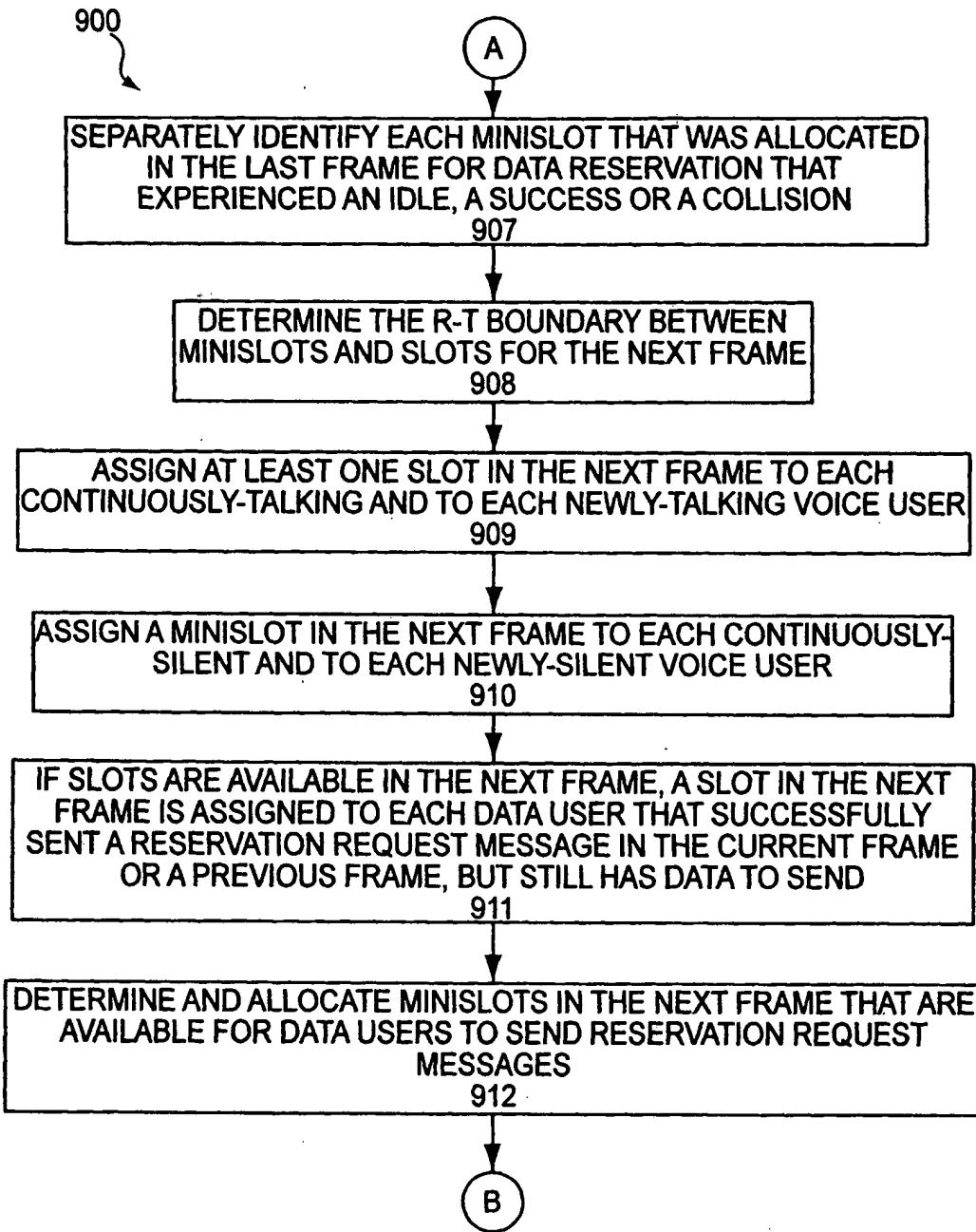


FIG. 9B

13/15

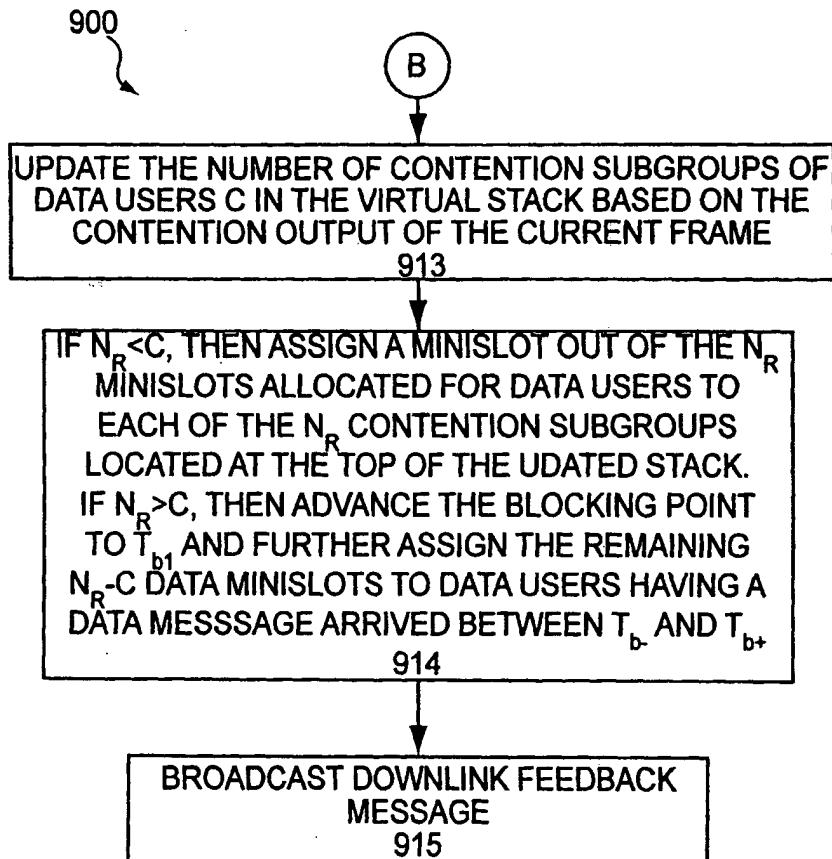


FIG. 9C

1000

EACH VOICE USER WHO WAS SILENT, BUT IS BEGINNING TO TALK, SENDS A RESERVATION REQUEST MESSAGE INTO THE MINISLOT ASSIGNED TO THE VOICE USER
1001

EACH VOICE USER THAT DETECTS THE END OF A CURRENT TALKSPURT PIGGYBACKS AN END OF TALKSPURT INDICATION MESSAGE INTO THE PENULTIMATE TALKSPURT PACKET AND SENDS THE VOICE TRAFFIC PACKET WITH THE PIGGYBACK INDICATION MESSAGE
1002

EACH NEWLY-SILENT AND EACH CONTINUOUSLY-SILENT VOICE USER SENDS BACKGROUND NOISE INFORMATION INTO THE MINISLOT ASSIGNED TO THE USER
1003

EACH CONTINUOUSLY-TALKING VOICE USER SENDS A SPEECH PACKET INTO THE VOICE TRAFFIC SLOT ASSIGNED TO THE USER
1004

EACH DATA USER THAT SENT A RESERVATION REQUEST IN THE LAST FRAME DETERMINES WHETHER IT BELONGS TO THE LIST OF SUCCESSFUL CONTENDERS
1005

EACH DATA USER OF CONTENTION GROUPS THAT UNSUCCESSFULLY SENT A RESERVATION REQUEST MESSAGE IN THE LAST FRAME STATISTICALLY SPLITS EACH SUCH CONTENTION GROUP INTO TWO SUBGROUPS. THESE EXISTING DATA USERS THEN SEND A RESERVATION REQUEST MESSAGE INTO THE RESPECTIVE MINISLOTS THAT WERE ASSIGNED TO THE UPDATED CONTENTION SUBGROUPS, IF ANY MINISLOTS WERE ALLOCATED AND ASSIGNED
1006

A

FIG. 10A

15/15

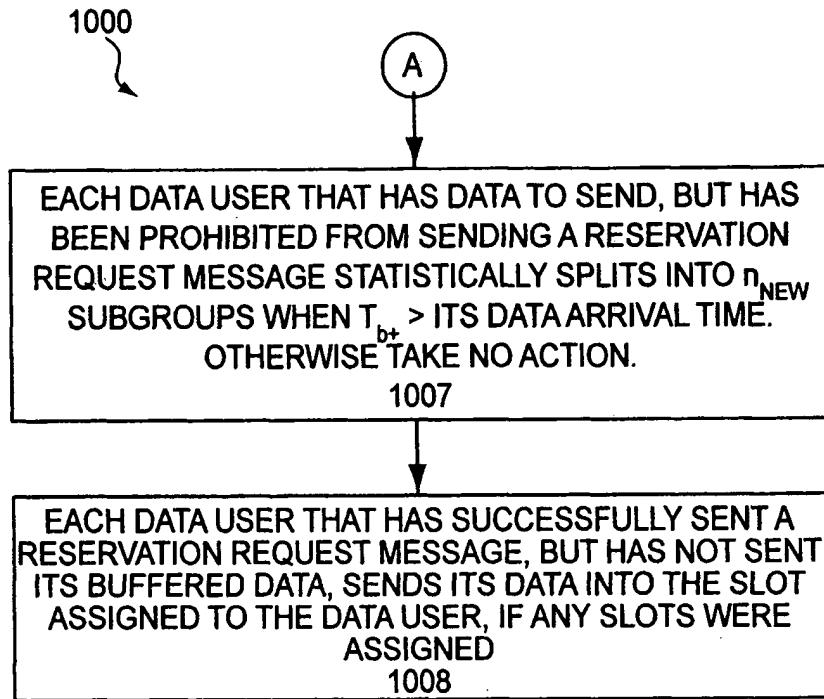


FIG. 10B